

Health Regulations:

| | |
|--|-----|
| Bureau of Health Facilities and Services Development | 132 |
| Bureau of Health Licensing and Health Facilities Construction | 134 |
| Division of Emergency Medical Services | 138 |
| Bureau of Certification | 144 |

Administration:

| | |
|---|-----|
| Bureau of Budgets | 147 |
| Bureau of Business Management | 149 |
| Bureau of Data Systems Management | 152 |
| Bureau of Finance | 155 |
| Bureau of Personnel | 156 |

Office of the Commissioner:

| | |
|---|-----|
| Office of Assessment and Quality Assurance | 158 |
| Office of External Affairs | 159 |
| Division of Public Affairs | 161 |
| Office of Internal Audits | 164 |
| Office of General Counsel | 165 |
| Office of Planning and Policy Development | 167 |
| Special Medical Consultant | |
| Bureau of Drug Control | 169 |
| Office of Vital Records & Public Health Statistics | 172 |

Introduction

The Department of Health and Environmental Control (DHEC) provides health and environmental programs and services which affect the health and well-being of all South Carolinians. This Executive Summary of the FY 1989 Annual Report contains information about the programs and services which DHEC provided in fulfilling its broad responsibilities for protecting public health and the environment.

This summary describes the programs and services provided through the Deputy areas for Health Services, Environmental Quality Control and Health Regulations. More detailed descriptions of these activities are contained in the FY 1989 Annual Report. Inquiries for further clarification or information about specific departmental activities can be directed to the appropriate program or to the Office of Planning and Policy Development.

HIV counseling and testing was made available throughout the state at DHEC sexually transmitted disease, tuberculosis, and maternity clinics. Contact tracing and partner notification of those exposed to HIV was initiated in all 15 health districts.

Division of Tuberculosis Control

Tuberculosis is still a personal and public health problem even though it is now curable and preventable with drug therapy. There were 477 new cases for a case rate of 13.6 per 100,000 population in FY 89. S.C. has ranked consistently among the top 10 states in the nation with the greatest number of new cases per 100,000 population. Based on epidemiologic assessment, 180,000 South Carolinians are infected. This "reservoir of infection" includes individuals who were recently infected, who have a relapse of their previous disease and who have been exposed in the past. DHEC provides diagnostic, treatment, prevention and contact examination services in clinics at the state's 46 county health departments.

Division of Immunization

The Immunization Program provides vaccines for all childhood vaccine-preventable diseases to public health departments, neighborhood health centers and Early and Periodic Screening, Diagnosis and Treatment (EPSDT) participating private physicians. Preventable childhood diseases include: diphtheria, pertussis (whooping cough), tetanus (lockjaw), polio, measles, rubella, and mumps. The immunization program provides several monitoring services: 1) it enforces the S. C. Mandatory School Immunization law; 2) maintains a surveillance system to investigate and provide control measures when cases of vaccine-preventable diseases occur, and 3) provides a recall system for children served in the health departments who fall behind in their immunizations. Considerable numbers of South Carolina's children between 2 months and 2 years of age do not receive their basic series of childhood immunization on schedule, leaving them unprotected or partially protected against such diseases.

Total Doses of Vaccine Administered in Public Health Clinics by Antigen FY89

Antigen

| | |
|---------------------------------------|---------|
| Diphtheria, Tetanus, Pertussis | 153,610 |
| Tetanus-Diphtheria (Adults) | 17,014 |
| Trivalent Oral Polio Vaccine (Sabin) | 131,176 |
| Inactivated Poliovirus Vaccine (Salk) | 1,259 |
| Measles, Mumps, Rubella | 34,846 |
| Measles | 133 |
| Rubella | 124 |
| H. Influenzae, Type B | 39,155 |

BUREAU OF MATERNAL AND CHILD HEALTH

The Bureau of Maternal and Child Health offers a variety of health programs to improve the health of mothers and children.

DIVISION OF MATERNAL HEALTH

All pregnant women receiving services in county health departments through maternity clinics or the Women, Infants and Children (WIC) supplemental food program are screened for risk factors and conditions associated with poor pregnancy outcomes. The women are channeled to the type of care appropriate for their risk status, such as the High Risk Perinatal program, Low Birthweight program or Low Risk Maternity Clinic. Prenatal services available in maternity clinics include:

1. Health history
2. Physical examination/appraisals
3. Blood pressure and weight check
4. Laboratory tests
5. Prenatal counseling (nursing, social, nutritional, etc.)
6. Referral to other medical resources as appropriate
7. Drugs and biologicals as indicated.
8. Physician services normally given in physician's office
9. Immunizations
10. Health education

Maternity patients admitted to DHEC sponsored services increased to 16,108, which is a 32% increase from the previous year. First trimester admissions increased from 32% to 37% for DHEC patients.

Family Planning program services include patient education counseling, medical services, contraceptive methods, and referral and follow-up. There were 115,000 patients given family planning services in FY 89.

DIVISION OF CHILDREN'S HEALTH

In FY 89, a total of 197,065 children received services through the Child Health Program. This is a increase of 10,272 patients over last year. Public health nurses, nutritionists, social workers and health educators gave health assessments that included developmental and nutrition, vision, hearing and metabolic screening, and laboratory testing. They also provide immunizations, health education and referrals.

The Children Rehabilitative Services (CRS) program admitted 2,895 new patients in FY 89, an increase of 378 new patients over last year. This program serves the physically handicapped children with congenital heart defects, orthopedic handicaps, deafness, epilepsy, sickle cell disease, cystic fibrosis, hemophilia, cleft palate or other birth defects. Services are available through special clinics throughout the state which are staffed by pediatricians and other medical specialists who provide diagnostic examinations and treatment. The CRS program paid \$1,294,318 for inpatient hospitalization in FY 89.

BUREAU OF LABORATORIES

Scientists at DHEC's Bureau of Laboratories tested 430,788 specimens for the diagnosis, prevention, and surveillance of infectious diseases, congenital disorders, food products, and environmental hazards. The Bureau serves DHEC with scientific expertise which is utilized by virtually every program.

**Drinking Water Protection
Program Activities
FY 89**

New Facilities

| | |
|--------------------------------|-------|
| Projects Submitted | 1,004 |
| Construction Permits | 1,089 |
| Inspection During Construction | 402 |
| Operating Approvals | 818 |

Existing Facilities

| | |
|---------------------------------------|-------|
| Operation and Maintenance Inspections | 1,420 |
| Fluoridation Surveys | 132 |
| Sanitary Surveys | 54 |
| Bacteriological Monitoring | 4,949 |
| Chemical Monitoring | 807 |
| Fluoride Monitoring | 825 |
| Turbidity Monitoring | 946 |

BUREAU OF SOLID AND HAZARDOUS WASTE MANAGEMENT

The Bureau of Solid and Hazardous Waste Management provides assistance to municipalities, counties and industries for more effective and efficient waste disposal systems; promotes materials and energy recovery projects; evaluates abandoned and closed disposal sites to determine action needed for cleanup of those threatening the public health or environment; and exercises authority over the collection, transfer, storage, treatment and disposal of solid and hazardous wastes.

Sometimes oil and other hazardous materials are spilled or fish kills are reported. DHEC's emergency response team is on call 24 hours a day, seven days a week, to assist in such emergencies for all environmental quality control programs.

**Solid and Hazardous Waste Management
Program Activities
FY 89**

| | |
|--|------|
| Enforcement Actions Taken | 473 |
| Compliance Inspections/Conducted Records Reviews | 627 |
| Quarterly Report Submittals | 2462 |
| Permitting Action Taken | 71 |
| Emergency Response Assessment/Spills | 301 |

BUREAU OF AIR QUALITY CONTROL

The Air Quality Control program implements the South Carolina Air Pollution Control Act as well as the Federal Clean Air Act. The bureau designs air emission control regulations which limit discharge of pollutants from their sources, and monitors all new and expanded sources to prevent air pollution problems before they start.

industries and landfills are made routinely, and samples are collected to ensure the quality of the state's drinking water, streams and rivers, land and air.

District staff members respond to environmental emergencies such as oil and hazardous waste spills and fish kills. They also investigate all citizens' complaints concerning the environment. Other duties include the inspection and sampling of public swimming pools. On the coast, there is an intensive shellfish program to ensure that shellfish are only harvested from unpolluted water.

HEALTH REGULATIONS

Since 1947, DHEC has established standards for hospitals and nursing homes, and supervised their inspection and licensing. More recently the Department has been given responsibility for licensing other types of health facilities and services, for surveying and certifying facilities services for Medicare and Medicaid payment, and for emergency medical services coordination and licensing.

BUREAU OF HEALTH FACILITIES AND SERVICES DEVELOPMENT

The bureau is responsible for the development and annual update of the Medical Facilities Plan and administration of a State Certificate of Need Program. A total of 108 projects were received under the Certificate of Need program during FY 89. Ninety-eight projects with capital expenditures of \$439,680,147 were approved while 30 projects with capital expenditures of \$42,972,382 were denied. Normal review activities include consultation with applicants, determinations concerning the applicability of the program to specific projects, analysis of applications for content and completeness, notification of the public for review of the project, as well as the decision process itself.

The following table on Vital Statistics Activities summarizes registration and certification activities for FY88 compared with FY89.

VITAL STATISTICS ACTIVITIES

| | FY88 | FY89 | Percent Change |
|----------------------------------|-----------|-----------|-------------------|
| Total Certificates Filed | (161,581) | (166,109) | + 2.8 |
| Births | 51,175 | 54,370 | + 6.2 |
| Deaths | 27,970 | 28,353 | + 1.4 |
| Fetal Deaths | 577 | 645 | + 11.8 |
| Marriages | 53,811 | 53,986 | + 0.3 |
| Divorces and Annulments | 14,538 | 14,364 | - 1.2 |
| Abortions | 13,510 | 14,391 | + 6.5 |
| Total Records Queried | (14,050) | (15,776) | + 12.3 |
| Births | 4,880 | 7,951 | + 62.9 |
| Deaths | 5,897 | 5,348 | - 9.3 |
| Fetal Deaths | 229 | 197 | - 14.0 |
| Marriages | 622 | 582 | - 6.4 |
| Divorces and Annulments | 1,043 | 817 | - 21.7 |
| Abortions | 1,379 | 881 | - 36.1 |
| Certification Services | | | |
| Requests Received (State Office) | 94,023 | 89,732 | - 4.6 |
| Requests Received (Co. Offices) | 221,656 | 202,816 | - 8.5 |
| Adoptions (S.C. Born) | 1,525 | 1,524 | - 0.1 |
| Adoptions (Foreign Born) | 47 | 40 | - 14.9 |
| Court Orders | 1,400 | 1,258 | - 10.1 |
| Legitimations | 1,524 | 1,381 | - 9.4 |
| Corrections | 6,493 | 5,924 | - 8.8 |
| Delayed Certificates | 1,809 | 1,942 | + 7.4 |
| Paternity Acknowledgments | 1,777 | 2,415 | + 35.9 |

* These figures are taken from monthly activities reports; therefore, do not necessarily refer to current figures for events occurring in the specific period.

2023679096